



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD
सी ई एन - ०७/२०२४ - CEN - 07/2024
Recruitment for Ministerial and Isolated Categories



RRB MINISTERIAL & ISOLATED 2024

PGT / TGT

Ministerial and Isolated Categories | CEN 07/2024

ENGLISH ANSWER KEY

Official Answer Key

All 3 Shifts · 10 Sep 2025 to 12 Sep 2025

Post	PGT / TGT
Questions	100 per paper
Marking	+1 correct / -1/3 wrong
Duration	90 minutes
Sections	Professional Ability 50 · General Ability 50

Every paper is printed from the official question text with the correct answer marked.

HOW TO USE THIS BOOK

- 1 Open the INDEX on the next page.
- 2 Click any row to jump straight to that date and shift.
- 3 The correct option of every question is ticked in green.
- 4 Use the bookmarks panel of your PDF reader to move between shifts.

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Compiled 27 October 2026

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RRB Ministerial & Isolated 2024 - PGT / TGT (English) - 3 papers

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD
सी ई एन - ०७/२०२४ - CEN - 07/2024
Recruitment for Ministerial and Isolated Categories



PAPER 1 of 3 · PGT / TGT · English

Exam	RRB Ministerial & Isolated 2024 (CEN 07/2024)
Post	PGT / TGT
Test Date	10 Sep 2025
Test Time	9:00 AM - 10:30 AM
Language	English
Questions	100
Marking	+1 correct / -1/3 wrong

Correct option of the official answer key: **green with ✓**. Question IDs are RRB's own.

Section : Professional Ability

Q.1 What does 'Educational Psychology is a positive science' mean? Ans 1. It prescribes how children ought to behave. 2. It studies children's behaviour as it actually is, not as it ought to be. ✓ 3. It ignores observable facts. 4. It focuses only on ethics and moral conduct.	Question ID : 4410091212357 Correct Option : 2
Q.2 Which goal of Indian society emphasizes equality of opportunity for all citizens through education? Ans 1. National integration 2. Social justice ✓ 3. Democracy 4. Secularism	Question ID : 4410091211396 Correct Option : 2
Q.3 Which school of philosophy in education emphasises the development of the mind through the study of enduring ideas and great works of literature? Ans 1. Essentialism 2. Pragmatism 3. Progressivism 4. Perennialism ✓	Question ID : 4410091211396 Correct Option : 4
Q.4 _____ involves a change in the focal person's behaviour that matches or copies others' behaviour. Ans 1. Social influence 2. Obedience 3. Imitation ✓ 4. Impression	Question ID : 4410091200785 Correct Option : 3

Q.5 Equality is: Ans 1. achieved automatically without effort 2. an empirical generalisation about humans 3. a moral command ensuring equal opportunity for every individual ✓ 4. based only on intelligence and aptitude	Question ID : 4410091211569 Correct Option : 3
Q.6 What refers to identifying various concepts and propositions in a given content and structuring and sequencing them for the purpose of teaching and learning? Ans 1. Monitoring 2. Diagnosis 3. Content analysis ✓ 4. Evaluation	Question ID : 4410091215587 Correct Option : 3
Q.7 According to Maslow's hierarchy of needs, which need must be fulfilled before a student can focus on learning motivation? Ans 1. Self-actualisation 2. Esteem needs 3. Physiological needs ✓ 4. Safety and security	Question ID : 4410091212743 Correct Option : 3
Q.8 What is a key feature of Teacher-Controlled Instruction (TCI)? Ans 1. Students learn through self-discovery. 2. Teacher directs the learning process strictly. ✓ 3. Learning is unstructured and flexible. 4. Students set their own learning goals.	Question ID : 4410091212780 Correct Option : 2
Q.9 The feeling of social and national integration can be best developed through: Ans 1. Education ✓ 2. Economic Policies 3. Military Training 4. Political Debates	Question ID : 4410091212340 Correct Option : 1
Q.10 Education should promote national consciousness by: Ans 1. focusing only on mathematics and science 2. developing pride in being an Indian and appreciation of cultural heritage ✓ 3. limiting international exposure 4. encouraging narrow-mindedness and parochialism	Question ID : 4410091212343 Correct Option : 2
Q.11 The word 'Psychology' is derived from two _____ words, 'Psyche' and 'Logos'. Ans 1. German 2. Latin 3. Greek ✓ 4. French	Question ID : 4410091206123 Correct Option : 3

Q.12 Which Article of the Indian Constitution directs the State to promote the educational and economic interests of weaker sections, particularly Scheduled Castes and Scheduled Tribes, and provide them social justice? Ans - Article 19 - Article 15 - Article 21 Article 46 ✓	Question ID : 4410091211534 Correct Option : 4
Q.13 Who established the Rishi Valley Education Centre in 1928 in Andhra Pradesh? Ans - Sri Aurobindo Jiddu Krishnamurti ✓ - Rabindranath Tagore - Mohandas Karamchand Gandhi	Question ID : 4410091200473 Correct Option : 2
Q.14 Which of the following is NOT a component of Indian culture related to education? Ans Environment ✓ - Values - Language and Literature - Religion	Question ID : 4410091213876 Correct Option : 1
Q.15 When technological or material dimensions of culture change rapidly but the non-material aspects (values, norms) are behind, it is called: Ans - Cultural Integration - Cultural Diffusion Cultural Lag ✓ - Cultural Assimilation	Question ID : 4410091211560 Correct Option : 3
Q.16 Which type of discipline encourages students to follow rules because they understand their value? Ans - Autocratic discipline Democratic discipline ✓ - Military discipline - Punitive discipline	Question ID : 4410091212642 Correct Option : 2
Q.17 The Universal Declaration of Human Rights, which mentions the right to education, was adopted in: Ans 1960 1948 ✓ 1966 1951	Question ID : 4410091211594 Correct Option : 2

Q.18 Education teaches the path, while religion tells us: Ans 1. how to excel in competitive exams 2. how to earn wealth 3. how to follow government rules 4. why we are born and how to attain everlasting peace ✓	Question ID : 4410091211529 Correct Option : 4
Q.19 Which of the following best describes how psychology supports education? Ans 1. By enforcing discipline policies 2. By explaining learning theories that inform teaching methods ✓ 3. By supervising school administrative tasks 4. By developing curriculum content for schools	Question ID : 4410091212723 Correct Option : 2
Q.20 Group-Controlled Instruction can be broadly divided into which two types? Ans 1. Teacher-controlled and learner-controlled sessions 2. Lecture-based sessions and demonstrations 3. Group interactive sessions and activities involving team work ✓ 4. Individual assignments and group tasks	Question ID : 4410091212424 Correct Option : 3
Q.21 Which type of freedom in education allows students to express their opinions without fear? Ans 1. Academic freedom ✓ 2. Economic freedom 3. Political freedom 4. Social freedom	Question ID : 4410091212613 Correct Option : 1
Q.22 Who proposed the theory of Animism and considered it as the oldest form of religion that existed? Ans 1. Emile Durkheim 2. Turner 3. Edward Tylor ✓ 4. Max Muller	Question ID : 4410091200747 Correct Option : 3
Q.23 Which theory focuses on the influence of the unconscious mind on behaviour and uses concepts like the id, ego, superego, and psychosexual stages of development? Ans 1. Psychoanalytic Theory ✓ 2. Cognitive Development Theory 3. Humanistic Theory 4. Social Learning Theory	Question ID : 4410091209280 Correct Option : 1
Q.24 Which of the following is NOT related to the Learner-centered instructional system? Ans 1. Flexi-study 2. Passive learning ✓ 3. Distance learning 4. Programmed learning	Question ID : 4410091214181 Correct Option : 2

Q.25 In educational psychology, which approach focuses on understanding learning by studying observable behaviours rather than internal mental processes? Ans 1. Humanistic approach 2. Behavioural approach ✓ 3. Constructivist approach 4. Cognitive approach	Question ID : 4410091212697 Correct Option : 2
Q.26 Which activity best strengthens the relationship between school and community? Ans 1. Silent reading sessions 2. Classroom tests 3. Parent-teacher meetings ✓ 4. Homework assignments	Question ID : 4410091211410 Correct Option : 3
Q.27 John Locke says that the child's mind is a 'Tabula Rasa,' a _____ term meaning 'clean slate.' Ans 1. Sanskrit 2. Italian 3. French 4. Latin ✓	Question ID : 4410091200639 Correct Option : 4
Q.28 Gestalt psychology, a school of psychology, was founded in _____ around 1912 by Max Wertheimer. Ans 1. Denmark 2. Russia 3. Italy 4. Germany ✓	Question ID : 4410091206161 Correct Option : 4
Q.29 Which of the following is a common criticism of Teacher-Controlled Instruction (TCI) in modern educational theory? Ans 1. It limits student creativity and critical thinking. ✓ 2. It is ineffective for teaching basic skills. 3. It encourages unstructured learning environments. 4. It fosters too much student autonomy and freedom.	Question ID : 4410091212785 Correct Option : 1
Q.30 Which of the following is NOT included in the Convention on Rights of Child, 1989? Ans 1. Right to protection 2. Right to development 3. Right to survival 4. Right to education ✓	Question ID : 4410091213965 Correct Option : 4

Q.31 Which is the first stage of intellectual development? Ans 1. Formal operational 2. Concrete operational 3. Sensori-motor ✓ 4. Pre-operational	Question ID : 4410091214064 Correct Option : 3
Q.32 Which Western thinker advocated that education should be based on learning through experience? Ans 1. Herbert Spencer 2. John Dewey ✓ 3. Plato 4. Jean-Jacques Rousseau	Question ID : 4410091211343 Correct Option : 2
Q.33 One of the analyses of teaching describes the whole process as comprising _____ stages. Ans 1. Pre-active, Interactive 2. Pre-active ,Interactive ,Post-active ✓ 3. Pre-active , Post-active 4. Interactive, Post-active	Question ID : 4410091203963 Correct Option : 2
Q.34 Which of the following is an example of intrinsic motivation? Ans 1. Completing chores to avoid punishment 2. Studying to get good grades in the exam 3. Working to earn money 4. Learning to play a game because it is enjoyable ✓	Question ID : 4410091212378 Correct Option : 4
Q.35 What distinguishes Open Educational Resources (OERs) from other learning materials? Ans 1. They are only available in print. 2. They require special software to access. 3. They cannot be shared or modified. 4. They have an open license and can be adapted, modified and reused. ✓	Question ID : 4410091212434 Correct Option : 4
Q.36 In the context of education and culture, the term cultural lag refers to: Ans 1. When students take longer to understand new subjects in school classrooms 2. When literacy and education levels differ significantly between regions 3. When teachers resist implementing new teaching methods in schools 4. When material culture advances faster than changes in society's values and norms ✓	Question ID : 4410091244698 Correct Option : 4

Q.37 Which method enables a teacher to teach even large classes and cover larger content during a given period in comparison to other methods? Ans 1. Lecture method ✓ 2. Activity-based Instruction 3. Team teaching 4. Demonstration method	Question ID : 4410091215612 Correct Option : 1
Q.38 Which category of exceptional children includes difficulties in social interaction and communication? Ans 1. Gifted children 2. Learning disabilities 3. Autism ✓ 4. Emotional and behavioural disorders	Question ID : 4410091212384 Correct Option : 3
Q.39 Which of the following is the publication of Jean Jacques Rousseau? Ans 1. Social Contract ✓ 2. Mindset: The New Psychology of Success 3. Savage inequalities 4. Pedagogy of the oppressed	Question ID : 4410091213714 Correct Option : 1
Q.40 Which statement best describes the relationship between culture and education? Ans 1. Culture and education are unrelated 2. Education transmits and preserves culture ✓ 3. Education creates culture overnight 4. Culture depends only on technology	Question ID : 4410091212576 Correct Option : 2
Q.41 Which of the following is NOT an application of psychological principles in education? Ans 1. Segregating students into smart and weak ✓ 2. Dealing with problems of discipline 3. Preparing curriculum 4. Methods of teaching	Question ID : 4410091214083 Correct Option : 1
Q.42 Which factor most influences the success of curriculum transaction in the classroom? Ans 1. School infrastructure 2. Government policies 3. The textbook design 4. Teacher's instructional methods ✓	Question ID : 4410091212774 Correct Option : 4

Q.43 Which aspect of Indian cultural heritage is most reflected in the concept of 'Guru-Shishya Parampara'? Ans 1. Competitive learning environment 2. Standardised curriculum 3. Personalised moral and spiritual guidance ✓ 4. Technological advancement	Question ID : 4410091212593 Correct Option : 3
Q.44 Children develop cognitive skills, logical thinking, and an understanding of complex relationships at _____ stage. Ans 1. Middle Childhood (7-11 years) ✓ 2. Adolescence (12-18 years) 3. Adulthood (18 years above) 4. Early Childhood (3-6 years)	Question ID : 4410091206216 Correct Option : 1
Q.45 Which of the following curriculum development models is characterised by a systematic, linear process involving analysis, design, development, implementation, and evaluation? Ans 1. Taba's Grassroots Model 2. Tyler's Rational Model ✓ 3. Wheeler's Circular Model 4. Walker's Context, Input, Process, Product Model	Question ID : 4410091212767 Correct Option : 2
Q.46 Which Western philosopher believed education should aim at cultivating reason to perceive eternal truths? Ans 1. Herbert Spencer 2. Plato ✓ 3. Rousseau 4. John Dewey	Question ID : 4410091211347 Correct Option : 2
Q.47 Which is the relationship between test anxiety and need for achievement according to Lens? Ans 1. Inverted U-shaped ✓ 2. V-shaped 3. L-shaped 4. W-shaped	Question ID : 4410091214019 Correct Option : 1
Q.48 Arrange the process of curriculum development chronologically. 1. Assessment of educational needs 2. Formulation of objectives 3. Selection and organisation of content 4. Evaluation Ans 1. 1-2-3-4 ✓ 2. 3-1-2-4 3. 1-4-2-3 4. 2-1-3-4	Question ID : 4410091214153 Correct Option : 1

Q.49 What is the primary benefit of planning instruction for both teachers and students? Ans 1. It increases the content to be taught. 2. It gives a sense of direction and clarity of goals. ✓ 3. It reduces the role of the teacher. 4. It eliminates the need for learning objectives.	Question ID : 4410091212404 Correct Option : 2
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Q.50 The _____ is an educational approach that is based on principles from Piaget's developmental psychology and Vygotsky's zone of proximal learning principles. Ans 1. Reggio Emilia Method ✓ 2. Montessori Method 3. Steiner Method 4. Waldorf Method	Question ID : 4410091209321 Correct Option : 1
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Section : General Ability

Q.51 Which of the following statements about food webs is/are correct? 1. Food webs consist of several interconnected food chains. 2. Each organism is eaten by only one other organism. 3. Food webs represent more realistic feeding relationships than food chains. Ans 1. Only 1 and 2 2. Only 1 and 3 ✓ 3. Only 2 and 3 4. 1, 2 and 3	Question ID : 4410091200471 Correct Option : 2
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Q.52 A patient loses sensation in a body part due to damage in signal-conducting tissue. Which of the following tissues is affected? Ans 1. Connective 2. Muscular 3. Nervous ✓ 4. Epithelial	Question ID : 4410091199766 Correct Option : 3
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Q.53 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements. Statements: All hens are drivers. All fruits are drivers. Conclusions: (I) Some hens are fruits. (II) Some drivers are fruits. Ans - Neither conclusion (I) nor (II) follows. - Only conclusion (I) follows. Only conclusion (II) follows. ✓ - Both conclusions (I) and (II) follow.	Question ID : 4410091198630 Correct Option : 3
Q.54 Which of the following was NOT a cause of the First War of Independence in 1857? Ans - Introduction of the Enfield rifle cartridges greased with cow and pig fat - Discontent among sepoys due to discrimination in service conditions Grant of complete independence to princely states ✓ - Annexation of Indian states under the Doctrine of Lapse	Question ID : 4410091214325 Correct Option : 3
Q.55 This question is based on the following words. (Left) NEW OLD FEW MAY (Right) If 'G' is added before each word, which of these words will form meaningful English word(s)? Ans Only OLD ✓ - Both FEW and MAY - Only FEW - Both NEW and OLD	Question ID : 441009880157 Correct Option : 1
Q.56 C-FLOOD, a web-based platform launched in July 2025 by C-DAC Pune and CWC, provides flood inundation forecasts up to village level for how many days in advance? Ans 10 days 04 days 02 days ✓ 07 days	Question ID : 4410091214337 Correct Option : 3

Q.57 This question is based on the following words. OPE HER KID SKY In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear? Ans - Four Three ✓ - Two - One	Question ID : 441009819676 Correct Option : 2
Q.58 What should come in place of the question mark (?) in the given series? 73 97 115 ? 157 181 199 Ans 127 120 139 ✓ 132	Question ID : 4410091205862 Correct Option : 3
Q.59 The first indigenously designed and constructed Diving Support Vessel for the Indian Navy, INS Nistar, was commissioned at which place in July 2025? Ans - Mumbai - Chennai Visakhapatnam ✓ - Goa	Question ID : 4410091214277 Correct Option : 3
Q.60 A sum of money is borrowed from a bank at 5% per annum compound interest, computed annually. If the difference between the interest of the third year and that of the first year is ₹28.70, then how much money was borrowed from the bank? Ans ₹8,610 ₹5,600 ✓ ₹5,740 ₹4,800	Question ID : 44100943161 Correct Option : 2
Q.61 A, B, C, D, P, Q, and R are sitting around a circular table facing the centre of the table. Only two persons sit between P and Q when counted from the left of Q. D sits third to the right of A. B sits third to the left of C. D sits to the immediate right of B. R is not an immediate neighbor of B. How many people sit between R and Q, when counted from the right of R? Ans - Two Four ✓ - Three - One	Question ID : 4410091198565 Correct Option : 2

Q.62 The Constitution of India does NOT provide the power of superintendence, direction and control of which of the following elections to the Election Commission of India?

Ans

1. Elections to panchayats and municipalities in the states ✓
2. Elections to state legislatures
3. Elections to the office of the President of India
4. Elections to parliament

Question ID :
441009122511
Correct Option : 1

Q.63 Why can we see the Sun a few minutes before it rises and a few minutes after it sets?

Ans

1. Because of atmospheric refraction ✓
2. Because the Earth's rotation slows down during sunrise and sunset
3. Because the Sun moves slowly below the horizon
4. Because sunlight gets reflected by clouds

Question ID :
4410091205674
Correct Option : 1

Q.64 In a certain code language, 'angle skill add' is coded as 'ep ba zl' and 'snake cow angle' is coded as 'ba eu cp'. How is 'angle' coded in the given language? (All codes are two-letter codes.)

Ans

1. ep
2. zl
3. ba ✓
4. eu

Question ID : 441009811990
Correct Option : 3

Q.65 The Civil Disobedience Movement (1930) began with which significant event?

Ans

1. Simon Commission boycott
2. Poona Pact between Gandhi and Ambedkar
3. Gandhi's call for the Quit India Movement
4. Dandi March to break the salt law ✓

Question ID :
4410091214389
Correct Option : 4

Q.66 Match the following:

Column - I (Orbit or shell)	Column - II (Maximum number of electrons)
A. L-Shell	I. 18
B. M-Shell	II. 32
C. N-Shell	III. 8

Ans

1. A - II, B - I, C - III
2. A - III, B - I, C - II ✓
3. A - III, B - II, C - I
4. A - I, B - II, C - III

Question ID :
4410091200555
Correct Option : 2

Q.67 The perimeter of the triangle is 24 cm and if the sides of the triangles are represented by prime numbers then the half of the area of triangle (in cm²) is:

Ans

1. $\sqrt{30}$ ✓
2. $4\sqrt{30}$
3. $3\sqrt{30}$
4. $2\sqrt{30}$

Question ID :
441009603190
Correct Option : 1

Q.68 Anaerobic respiration in yeast converts pyruvate into:

Ans

1. acetic acid and water
2. methane and oxygen
3. glucose and nitrogen

4. ethanol and carbon dioxide ✓

Question ID :
4410091200098
Correct Option : 4

Q.69 Which electronic component is represented by the symbol shown in the image?



Ans

1. Resistor
2. Switch
3. Battery

4. Rheostat ✓

Question ID :
4410091205748
Correct Option : 4

Q.70 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) A Z I O J H I S S B M U J A W K M Z N B G (Right)

How many such vowels are there each of which is immediately preceded by a consonant and also immediately followed by a consonant?

Ans

1. None
2. Three ✓
3. One
4. Two

Question ID : 441009819719
Correct Option : 2

Q.71 In August 2025, which state launched the Naipunyam Skill Connect portal to help unemployed youth and skilled professionals access training and job opportunities?

Ans

1. Telangana
2. Karnataka
3. Andhra Pradesh ✓
4. Kerala

Question ID :
4410091214331
Correct Option : 3

Q.72 Which Indian javelin thrower won a gold medal in the women's javelin throw at the International Wiestlaw Maniak Memorial tournament held in Poland in August 2025? Ans 1. Annu Rani ✓ 2. Shilpa Rani 3. Deepika 4. Karishma Sanil	Question ID : 4410091214201 Correct Option : 1
Q.73 In classical economics, which of the following factors ensures full employment in the labour market? Ans 1. Government job programmes 2. The natural rate of unemployment 3. The fixed employment contracts 4. The flexibility of wages and prices ✓	Question ID : 441009628939 Correct Option : 4
Q.74 CLAW is related to GOWT in a certain way based on the English alphabetical order. In the same way, KRSQ is related to OUON. To which of the given options is SXKK related, following the same logic? Ans 1. XAFI 2. VBHG 3. WAGH ✓ 4. VZFG	Question ID : 441009819785 Correct Option : 3
Q.75 Find the value of $4 \text{ of } 6 \div 3 \times 2 \frac{1}{4} + 5 \times 6 \div 15 - 3 \text{ of } 2 \times 4 \text{ of } 8 \div 32$ Ans 1. 25 2. 14 ✓ 3. 18 4. 22	Question ID : 441009916609 Correct Option : 2
Q.76 Simplify : $9^2 + 4^2 + \sqrt{36}$ Ans 1. 103 ✓ 2. 100 3. 107 4. 109	Question ID : 441009928472 Correct Option : 1
Q.77 Which of the following Amendments has introduced a new Part IXA in the Indian Constitution, which deals with Municipalities in Articles 243P to 243ZG? Ans 1. A. 86th Amendment 2002 2. B. 74th Amendment 1992 ✓ 3. C. 91st Amendment 2003 4. D. 73rd Amendment 1992	Question ID : 4410091225167 Correct Option : 2

Q.78 12 machines working 8 hours a day can produce 960 units in 10 days. After 4 days, 3 machines break down, and the remaining machines work 10 hours a day with 15% reduced efficiency. How many additional days are needed to complete the production?

Ans

1. $7\frac{7}{17}$ days
2. 7 days
3. $7\frac{11}{17}$ days
4. $7\frac{9}{17}$ days ✓

Question ID :
4410091195723
Correct Option : 4

Q.79 The cost of 2 pens and 5 notebooks is ₹187. The cost of 8 notebooks exceeds the cost of 4 pens by ₹40. What is the cost of 8 pens and 7 notebooks?

Ans

1. ₹445
2. ₹449 ✓
3. ₹454
4. ₹446

Question ID : 441009281321
Correct Option : 2

Q.80 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$14 \div 2 + 12 \times 4 - 5 = ?$$

Ans

1. 40
2. 30 ✓
3. 25
4. 28

Question ID :
4410091205758
Correct Option : 2

Q.81 Which of the following rivers flows through the Great Indian Desert?

Ans

1. Ganga
2. Narmada
3. Yamuna
4. Luni ✓

Question ID :
4410091206444
Correct Option : 4

Q.82 Select the option that is true regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): A rubber band is a solid because it regains its original shape when the stretching force is removed.

Reason (R): Solids are rigid and have negligible compressibility.

Ans

1. A is true, but R is false.
2. Both A and R are true, and R is the correct explanation of A.
3. Both A and R are true, but R is not the correct explanation of A. ✓
4. A is false, but R is true.

Question ID :
4410091203462
Correct Option : 3

Q.83 Which of the following is the relationship between liberalisation and globalisation? Ans 1. They are unrelated concepts. 2. Globalisation restricts trade, while liberalisation expands it. 3. Liberalisation promotes economic openness, while globalisation involves the integration of economies on a global scale. ✓ 4. Liberalisation and globalisation mean the same thing.	Question ID : 441009627943 Correct Option : 3
Q.84 The marked price of a table is ₹850, and the selling price is ₹748. Find the discount percentage on the table. Ans 1. 10% 2. 9% 3. 14% 4. 12% ✓	Question ID : 441009916513 Correct Option : 4
Q.85 In a certain code language, 'SLIT' is coded as '3872' and 'LAST' is coded as '7083'. What is the code for 'A' in the given code language? Ans 1. 3 2. 0 ✓ 3. 2 4. 7	Question ID : 4410091198609 Correct Option : 2
Q.86 Which pair of salts is most likely to show NO change in either red or blue litmus paper? Ans 1. NaCl and KNO₃ ✓ 2. CuSO₄ and AlCl₃ 3. NaCl and Na₂CO₃ 4. Na₂CO₃ and NaHCO₃	Question ID : 4410091196667 Correct Option : 1
Q.87 Priyanka covers 800 m distance in 6 minutes. Her speed in km/hr is: Ans 1. 8 km/hr ✓ 2. 6 km/hr 3. 5 km/hr 4. 4 km/hr	Question ID : 441009928854 Correct Option : 1
Q.88 Why is the cell membrane called an 'active' part of the cell? Ans 1. It controls the entry and exit of substances essential for proper functioning of the cell. ✓ 2. It stores nutrients for the cell. 3. It provides structural support to the nucleus. 4. It produces enzymes for digestion.	Question ID : 4410091199666 Correct Option : 1

Q.89 What is the mean of the following distribution?

Question ID :
441009928768
Correct Option : 3

Marks	14	30	44	61	98
No. of Students	49	21	75	39	99

Ans

1. 66
2. 49
3. 59 ✓
4. 65

Q.90 The Persons of Indian Origin (PIO) card scheme was first introduced by the Indian government in _____.

Question ID :
4410091225189
Correct Option : 4

Ans

1. 1996
2. 1988
3. 1997
4. 1999 ✓

Q.91 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

Question ID :
4410091205778
Correct Option : 1

$$21 \times 3 + 4 \div 2 - 10 = ?$$

Ans

1. 9 ✓
2. 21
3. 6
4. 15

Q.92 Who was the first Indian woman to win a Grand Slam title in tennis?

Question ID :
4410091216927
Correct Option : 2

Ans

1. Ankita Raina
2. Sania Mirza ✓
3. Nirupama Vaidyanathan
4. Rutuja Bhosale

Q.93 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

Question ID :
4410091198674
Correct Option : 2

ATH FYM KDR PIW ?

Ans

1. UBN
2. UNB ✓
3. UNH
4. IBU

Q.94 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.) Ans 1. A. AW-SO 2. B. JF-BX 3. C. WS-OK 4. D. IE-ZY ✓	Question ID : 441009818970 Correct Option : 4
Q.95 Which of the following processes in the nitrogen cycle converts atmospheric nitrogen (N₂) into usable forms like ammonia (NH₃)? Ans 1. Denitrification 2. Ammonification 3. Nitrification 4. Nitrogen fixation ✓	Question ID : 4410091225043 Correct Option : 4
Q.96 Seven boxes E, F, G, H, S, T and U are kept one over the other but not necessarily in the same order. No box is kept above E. Only three boxes are kept between E and U. Only one box is kept between G and H. H is kept immediately above U. Only four boxes are kept between G and F. T is kept at some place above S. Which box is kept second below T? Ans 1. H 2. U ✓ 3. F 4. S	Question ID : 4410091198587 Correct Option : 2
Q.97 If 12 metres of clothe costs ₹480, how much will 18 metres of the same clothe cost? Ans 1. ₹680 2. ₹760 3. ₹720 ✓ 4. ₹800	Question ID : 4410091195643 Correct Option : 3
Q.98 Which of the following is the oldest mountain range in India? Ans 1. Aravalli Range ✓ 2. Vindhya Range 3. Himalayas 4. Satpura Range	Question ID : 4410091204653 Correct Option : 1

Q.99 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

TPO-SON

DZY-CYX

Ans

1. YUT-XTS ✓

2. YTR-XTS

3. YUT-WTR

4. YTR-WSR

Question ID :
441009820984
Correct Option : 1

Q.100 Which of the following best describes an object in uniform motion?

Ans

1. It remains completely at rest.

2. It covers equal distances in equal intervals of time. ✓

3. It covers unequal distances in equal intervals of time.

4. It changes direction frequently.

Question ID :
4410091205795
Correct Option : 2



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - ०७/२०२४ - CEN - 07/2024

Recruitment for Ministerial and Isolated Categories



PAPER 2 of 3 · PGT / TGT · English

Exam	RRB Ministerial & Isolated 2024 (CEN 07/2024)
Post	PGT / TGT
Test Date	10 Sep 2025
Test Time	12:45 PM - 2:15 PM
Language	English
Questions	100
Marking	+1 correct / -1/3 wrong

Correct option of the official answer key: **green with ✓**. Question IDs are RRB's own.

Section : Professional Ability

Q.1 Which of the following best explains intrinsic motivation in the context of educational psychology? Ans 1. Motivation driven by external rewards like grades and praise 2. Motivation resulting from peer pressure and competition 3. Motivation arising from internal satisfaction and interest in the task ✓ 4. Motivation based on fear of punishment or failure	Question ID : 4410091212744 Correct Option : 3
Q.2 The most important attribute of a teacher to be an effective _____ is his/her sensitivity in identifying students with problems. Ans 1. follower 2. dictator 3. counsellor ✓ 4. instructor	Question ID : 4410091203991 Correct Option : 3
Q.3 Which Constitutional value ensures that education in India treats all religions equally? Ans 1. Equality 2. Justice 3. Liberty 4. Secularism ✓	Question ID : 4410091211418 Correct Option : 4
Q.4 According to the National Policy on Education (1986, modified 1992), which approach should teachers adopt to promote integration in a pluralistic society? Ans 1. Limit discussions on cultural diversity to history classes 2. Focus on uniformity in cultural expression 3. Encourage critical appreciation of India's composite culture ✓ 4. Prioritise regional identity over national identity	Question ID : 4410091212679 Correct Option : 3

Q.5 Which concept refers to education's role in transmitting society's culture and values to the next generation? Ans 1. Social change 2. Socialisation ✓ 3. Social control 4. Social mobility	Question ID : 4410091211390 Correct Option : 2
Q.6 The principle that suggests the curriculum should cover all classroom and co-curricular activities including arts, music, yoga, and field trips is called: Ans 1. Up-to-date 2. Age-appropriate 3. Comprehensive ✓ 4. Level-appropriate	Question ID : 4410091212396 Correct Option : 3
Q.7 _____ encompasses activities ranging from classroom discussions to problem-solving in groups to working in teams. Ans 1. Collaborative learning ✓ 2. Online learning 3. Distance learning 4. Blended learning	Question ID : 4410091215696 Correct Option : 1
Q.8 Which type of evaluation is done during the learning process to provide feedback? Ans 1. Diagnostic evaluation 2. Predictive evaluation 3. Summative evaluation 4. Formative evaluation ✓	Question ID : 4410091212393 Correct Option : 4
Q.9 The relationship between community and education should be based on: Ans 1. subordination of teachers to the community 2. total independence from each other 3. strict control of education by administrators only 4. cooperation and mutual understanding ✓	Question ID : 4410091211524 Correct Option : 4
Q.10 Which ethical theory emphasises that the morality of an action is determined solely by its adherence to duty, regardless of consequences? Ans 1. Pragmatism 2. Deontology ✓ 3. Utilitarianism 4. Virtue ethics	Question ID : 4410091212570 Correct Option : 2

Q.11 Which of the following statements best explains how education contributes to the social structure? Ans 1. Education primarily serves to maintain existing social hierarchies. 2. Without education, individuals are unlikely to achieve social mobility, though education does not ensure it. ✓ 3. Education alone cannot change social structures. 4. Education guarantees high status and higher positions for all individuals.	Question ID : 4410091211538 Correct Option : 2
Q.12 In a democratic education system, decisions about school activities should be made through: Ans 1. Teacher's personal preference 2. Government orders only 3. Student voting and discussion ✓ 4. Parental instructions alone	Question ID : 4410091212622 Correct Option : 3
Q.13 Social adjustment primarily involves: Ans 1. ignoring societal norms 2. focusing only on personal interests 3. following government rules blindly 4. reacting to demands and pressures of the social environment ✓	Question ID : 4410091211543 Correct Option : 4
Q.14 The word 'democracy' comes from the Greek word 'Demokratia', where: Ans 1. 'demos' means people and 'kratia' means rule ✓ 2. 'demos' means equality and 'kratia' means justice 3. 'demos' means government and 'kratia' means freedom 4. 'demos' means rule and 'kratia' means people	Question ID : 4410091211584 Correct Option : 1
Q.15 Which form of equality ensures that every child has access to schooling without discrimination? Ans 1. Political equality 2. Educational equality ✓ 3. Economic equality 4. Social equality	Question ID : 4410091212607 Correct Option : 2
Q.16 Which philosophical school of thought in education emphasises learning through real-life experiences and problem-solving? Ans 1. Perennialism 2. Idealism 3. Pragmatism ✓ 4. Realism	Question ID : 4410091207365 Correct Option : 3

Q.17 In what way is Educational Psychology a natural science? Ans 1. It conducts investigations, gathers data and reaches conclusions like physicists or biologists. ✓ 2. It deals exclusively with theoretical concepts. 3. It only studies social norms and ethics. 4. It studies human behaviour without observation.	Question ID : 4410091212350 Correct Option : 1
Q.18 The process in which a group of students selects problems/questions and tries to find out their solutions collectively in a scientific manner is called _____. Ans 1. cooperative learning 2. interactive session 3. group investigation ✓ 4. group projects	Question ID : 4410091215671 Correct Option : 3
Q.19 Which of the following is a desirable behaviour in the skill of introducing? Ans 1. Lacking continuity 2. Using previous knowledge ✓ 3. Ignoring students' prior understanding 4. Making irrelevant statements	Question ID : 4410091212431 Correct Option : 2
Q.20 In educational institutions, freedom is often seen as which of the following? Ans 1. The same as discipline 2. Irrelevant to student behaviour 3. A type of punishment 4. An antithesis of discipline ✓	Question ID : 4410091211590 Correct Option : 4
Q.21 The ability to visualise and manipulate different geometric patterns, forms and imaginary objects in space is called: Ans 1. Spatial relations ✓ 2. Perceptual Speed 3. Memory 4. Word Fluency	Question ID : 4410091214078 Correct Option : 1
Q.22 Which of the following is NOT a group learning technique? Ans 1. Role play 2. Tutorial 3. Seminar 4. Lecture method ✓	Question ID : 4410091214185 Correct Option : 4
Q.23 How many cells are there in Guilford's full Structure of Intellect model? Ans 1. 200, because it has 10 operations × 5 contents × 4 products 2. 180, because it has 6 operations × 5 contents × 6 products ✓ 3. 120, because it has 5 operations × 4 contents × 6 products 4. 36, because it has 6 operations × 6 contents	Question ID : 4410091212370 Correct Option : 2

Q.24 When many cultures co-exist in a given geographical area, without one dominating the other, it is called: Ans 1. Cultural Pluralism ✓ 2. Cultural Exclusion 3. Cultural Conflict 4. Cultural Inclusion	Question ID : 4410091213889 Correct Option : 1
Q.25 Which philosophy sees education as cultivating the intellect through timeless ideas? Ans 1. Essentialism 2. Perennialism ✓ 3. Progressivism 4. Existentialism	Question ID : 4410091211332 Correct Option : 2
Q.26 _____ psychology is a branch in which the findings of psychology are applied in the field of education. Ans 1. Human 2. Clinical 3. Educational ✓ 4. Applied	Question ID : 4410091206170 Correct Option : 3
Q.27 Which role of the state in education helps promote equality among all social groups? Ans 1. Celebrating cultural festivals 2. Conducting school inspections 3. Organising sports events 4. Providing free and compulsory education ✓	Question ID : 4410091212538 Correct Option : 4
Q.28 Which of the following is a measure of consistency, indicating that an examination produces the same results under similar conditions? Ans 1. Validity 2. Practicability 3. Fairness 4. Reliability ✓	Question ID : 4410091212492 Correct Option : 4
Q.29 The Asian Institute for Teacher Educators has defined _____ as 'specifically those activities of teaching that are especially effective in bringing about desired changes in students'. Ans 1. teacher behaviour 2. teaching skills ✓ 3. teacher character 4. teaching attitude	Question ID : 4410091215687 Correct Option : 2

Q.30 Who believed that education should be aimed not merely at developing the intellect but the complete personality of the child? Ans 1. Rabindranath Tagore 2. Krishnamurtthi 3. Mahatma Gandhi 4. Aurobindo ✓	Question ID : 4410091200497 Correct Option : 4
Q.31 Which of the following is an advantage of Group-Controlled Instruction? Ans 1. Encourages individual competition 2. Promotes peer collaboration and shared responsibility ✓ 3. Limits student interaction 4. Relies solely on teacher-led lectures	Question ID : 4410091212795 Correct Option : 2
Q.32 Which of the following is NOT a feature of Evaluation? Ans 1. Always with reference to point of time 2. More quantitative in approach 3. Less purposive and less aggregative ✓ 4. Always with reference to stated criteria	Question ID : 4410091214133 Correct Option : 3
Q.33 In curriculum transaction, facts linked with direct observation lead to the formation of: Ans 1. Skills 2. Values 3. Generalisations 4. Concepts ✓	Question ID : 4410091212405 Correct Option : 4
Q.34 Which among the following is defined as the legitimate power of office holders in administrative organisations? Ans 1. Discipline 2. Authority ✓ 3. Freedom 4. Culture	Question ID : 4410091203902 Correct Option : 2
Q.35 In Spearman's two-factor theory, the s-factor refers to: Ans 1. the general intelligence shared by all individuals 2. social skills required for group performance 3. the specific abilities that allow a person to excel in particular domains ✓ 4. skills related to sensory perception only	Question ID : 4410091212373 Correct Option : 3

Q.36 Which evaluation method uses tests and exams to assess student learning at the end of a course? Ans 1. Diagnostic evaluation 2. Summative evaluation ✓ 3. Formative evaluation 4. Continuous evaluation	Question ID : 4410091212750 Correct Option : 2
Q.37 Who is known for the theory of multiple intelligences? Ans 1. BF Skinner 2. Jean Piaget 3. Howard Gardner ✓ 4. Sigmund Freud	Question ID : 4410091212735 Correct Option : 3
Q.38 According to Platonic idealism, what is our material world considered to be? Ans 1. A realm more important than the spiritual world 2. The ultimate and unchanging truth 3. Identical to the spiritual world 4. A temporary shadow of a perfect realm of forms and ideas ✓	Question ID : 4410091211494 Correct Option : 4
Q.39 The primary focus of educational psychology is: Ans 1. human behaviour specifically in the educational context ✓ 2. teaching methods only 3. philosophical theories of education 4. human behaviour in all contexts	Question ID : 4410091212353 Correct Option : 1
Q.40 In _____, the knowledge of the Self is considered the ultimate aim of life. Ans 1. Islamic Traditions 2. Buddhist Philosophy 3. the Upanishads ✓ 4. British Philosophy	Question ID : 4410091200821 Correct Option : 3
Q.41 Which type of planning involves organising and sequencing all the units or chapters in a course? Ans 1. Unit Planning 2. Microteaching 3. Lesson Planning 4. Course Planning ✓	Question ID : 4410091212608 Correct Option : 4
Q.42 The system approach in education primarily focuses on: Ans 1. reducing education to only curriculum and evaluation 2. using one specific teaching method for all objectives 3. coordinating all aspects of a problem towards specific objectives ✓ 4. teaching students without planning	Question ID : 4410091212397 Correct Option : 3

Q.43 Which theory explains intelligence as the ability to adapt to one's environment? Ans 1. Sternberg's Triarchic Theory of Intelligence ✓ 2. Gardner's Multiple Intelligences Theory 3. Piaget's Cognitive Development Theory 4. Spearman's Two-Factor Theory	Question ID : 4410091212730 Correct Option : 1
Q.44 Which of the following can empower a generation by creating social consciousness that transcends differences of caste, creed, and religion? Ans 1. Co-operation 2. Education ✓ 3. Modernity 4. Tradition	Question ID : 4410091203560 Correct Option : 2
Q.45 In sociology and psychology, _____ reflects a person's overall subjective emotional evaluation of his or her own worth. Ans 1. self-support 2. self-sufficiency 3. self-esteem ✓ 4. self-reliance	Question ID : 4410091200623 Correct Option : 3
Q.46 Tolerance is primarily about: Ans 1. avoiding conflict at any cost 2. relating to different groups respectfully and understandingly ✓ 3. following only one group's beliefs 4. ignoring other groups completely	Question ID : 4410091211564 Correct Option : 2
Q.47 Who is considered a fundamental and national human resource essential for the development of society and nation? Ans 1. Parent 2. Teacher ✓ 3. Student 4. Politician	Question ID : 4410091212337 Correct Option : 2
Q.48 Motivation can be defined as: Ans 1. A reward that is given after completing a certain task 2. The ability to quickly memorise and recall information 3. A mental and physiological state that arouses action to meet a need ✓ 4. The environment and conditions in which learning takes place	Question ID : 4410091212375 Correct Option : 3

Q.49 Who defined education as "Education is the creation of a sound mind in a sound body. It develops man's faculty, especially his mind so that he may be able to enjoy the contemplation of supreme truth, goodness and beauty of which perfect happiness essentially consists of."?

Ans

1. JS Mill
2. Socrates
3. Plato

4. Aristotle ✓

Question ID :
4410091211509
Correct Option : 4

Q.50 The input-process-output model in curriculum transaction primarily serves to:

Ans

1. evaluate student behaviour only
2. guide the overall teaching-learning process ✓
3. replace the teacher in instruction
4. focus solely on extracurricular activities

Question ID :
4410091212408
Correct Option : 2

Section : General Ability

Q.51 Which of the following states/UTs DOES NOT have an international boundary?

Ans

1. Jammu & Kashmir
2. Bihar
3. Jharkhand ✓
4. Ladakh

Question ID :
4410091204650
Correct Option : 3

Q.52 Find the value of $\sqrt{4489}$

Ans

1. 66
2. 76
3. 61
4. 67 ✓

Question ID :
441009928473
Correct Option : 4

Q.53 Refer to the following letter and symbol series and answer the question that follows.
Counting to be done from left to right only.

(Left) € & * X N © % * \$ E A \$ D Y % H £ V © £ J £ (Right)

How many such letters are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans

1. 2
2. 5
3. 4
4. 3 ✓

Question ID :
441009818998
Correct Option : 4

Q.54 The Maratha Military Landscapes of India, inscribed as a UNESCO World Heritage Site in 2025, comprise forts mostly in Maharashtra. One of these forts is located in which other state? Ans 1. Gujarat 2. Madhya Pradesh 3. Karnataka 4. Tamil Nadu ✓	Question ID : 4410091214312 Correct Option : 4
Q.55 Four pipes A, B, C, and D can fill a tank in 12, 15, 20, and 30 hours, respectively. The tank starts empty. A alone is opened for 3 hours, then B is opened with A for 2 hours, then C is opened with both for 1 hour, and finally all four pipes are opened together. Find the total time when tank becomes full. Ans 1. 7 hours 2. $7\frac{8}{15}$ hours 3. $7\frac{1}{2}$ hours 4. $7\frac{1}{14}$ hours ✓	Question ID : 4410091195740 Correct Option : 4
Q.56 What do we call the distance between the pole and the principal focus of a spherical mirror? Ans 1. Optical length 2. Radius of curvature 3. Focal length ✓ 4. Principal axis	Question ID : 4410091205722 Correct Option : 3
Q.57 Eight years ago, the age of the mother was four times the age of her son. Eight years hence, the mother's age will be two times the age of her son. Find the ratio of the present age of the mother to the age of the son. Ans 1. 5 : 3 2. 5 : 2 ✓ 3. 2 : 1 4. 3 : 2	Question ID : 44100928080 Correct Option : 2
Q.58 Which social reform was supported by the British through the Regulation Act of 1829 at the initiative of Raja Ram Mohan Roy? Ans 1. Abolition of Untouchability 2. Abolition of Sati ✓ 3. Widow Remarriage 4. Abolition of Child Marriage	Question ID : 4410091214484 Correct Option : 2

Q.59 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '-' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation? 8 P 2 S 9 Q 3 P 2 R 1 = ? Ans 1. 13 2. 21 ✓ 3. 25 4. 17	Question ID : 4410091205819 Correct Option : 2
Q.60 In January 2025, the Genome India Data Conclave was held in which city? Ans 1. Gandhinagar 2. Lucknow 3. New Delhi ✓ 4. Mumbai	Question ID : 4410091214320 Correct Option : 3
Q.61 Two statements are given below. One is Assertion (A) and the other is Reason (R). Choose the correct answer from the options given for these statements. Assertion (A): Properties of a compound are different from those of its constituent elements. Reason (R): Compounds are formed by chemical combination of elements in a fixed ratio. Ans 1. A is false, but R is true. 2. Both A and R are true, and R is the correct explanation of A. ✓ 3. A is true, but R is false. 4. Both A and R are true, but R is not the correct explanation of A.	Question ID : 4410091203519 Correct Option : 2
Q.62 Find the value of $6\frac{1}{4} \times 1\frac{1}{5} \text{ of } 2\frac{1}{2} \div 4\frac{1}{6} + 5 \times 6 \text{ of } 3 - 3 \text{ of } 1\frac{1}{3} \times 4$ Ans 1. 36.7 2. 57.6 3. 78.5 ✓ 4. 49.8	Question ID : 441009916616 Correct Option : 3
Q.63 Which of the following Articles of the Indian Constitution is available to both citizens and foreigners (except enemy aliens)? Ans 1. Right of minorities to establish and administer educational institutions (Article 30) 2. Equality before law and equal protection of laws (Article 14) ✓ 3. Equality of opportunity in matters of public employment (Article 16) 4. Prohibition of discrimination on grounds of religion, race, caste, sex or place of birth (Article 15)	Question ID : 4410091225162 Correct Option : 2

Q.64 If 'I' stands for '+', 'J' stands for '×', 'K' stands for '÷', and 'L' stands for '−', then what will come in place of the question mark (?) in the following equation? 12 J 2 L 1 I 6 J 4 L 3 = ? Ans 1. 41 2. 48 3. 44 ✓ 4. 46	Question ID : 4410091205823 Correct Option : 3
Q.65 Animal cells are more vulnerable to bursting in hypotonic solutions than plant cells as they ____. Ans 1. lack a plasma membrane 2. absorb less water 3. have smaller vacuoles 4. lack a rigid cell wall to resist internal pressure ✓	Question ID : 4410091199609 Correct Option : 4
Q.66 What do we call sounds that have frequencies below 20 Hz? Ans 1. Ultrasonic sounds 2. Infrasonic sounds ✓ 3. Noise 4. Audible sounds	Question ID : 4410091205850 Correct Option : 2
Q.67 In animal husbandry, female animals specifically raised and managed for producing milk are commonly referred to as: Ans 1. Reared animals 2. Farm animals 3. Draught animals 4. Milch animals ✓	Question ID : 4410091200025 Correct Option : 4
Q.68 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? RTY17 ACH32 JLQ47 SUZ62 ? Ans 1. BCI77 2. BDI77 ✓ 3. VDI77 4. BDJ77	Question ID : 4410091198688 Correct Option : 2
Q.69 In a certain code language, 'CODE' is coded as '1267' and 'COLD' is coded as '6371'. What is the code for 'L' in the given code language? Ans 1. 2 2. 1 3. 3 ✓ 4. 6	Question ID : 4410091198597 Correct Option : 3

Q.70 Non-homogeneous systems, in which _____ are dispersed in _____, are called suspensions. Ans - liquids, gas - gas, solids solids, liquids ✓ - liquids, liquids	Question ID : 4410091203554 Correct Option : 3
Q.71 Refer to the number series given below and answer the question that follows. Counting to be done from left to right only. (All numbers are single-digit numbers only.) (Left) 3 4 5 2 4 8 4 3 5 2 1 5 7 9 1 6 9 7 4 6 2 1 5 7 3 7 8 (Right) How many such odd digits are there each of which is immediately preceded by an odd digit and also immediately followed by an even digit? Ans 4 ✓ 6 3 5	Question ID : 441009813152 Correct Option : 1
Q.72 Who was the first Indian to win an individual Olympic gold medal? Ans Abhinav Bindra ✓ - Rajyavardhan Singh Rathore - Neeraj Chopra - Milkha Singh	Question ID : 4410091216844 Correct Option : 1
Q.73 WQSD is related to MGIT in a certain way based on the English alphabetical order. In the same way, ICEP is related to YSUF. To which of the given options is EYAL related, following the same logic? Ans - BTYU - BQWE - BOQU UOQB ✓	Question ID : 441009821138 Correct Option : 4
Q.74 Which of the following Indian states is NOT traversed by the Tropic of Cancer? Ans - Rajasthan - Tripura - Gujarat Manipur ✓	Question ID : 4410091204592 Correct Option : 4

Q.75 Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) (82, 86.3, 88.4) (56, 60.3, 62.4) Ans (59, 62.3, 65.4) (64, 68.3, 70.4) ✓ (31, 35.3, 36.4) (79, 83.3, 87.4)	Question ID : 4410091205898 Correct Option : 2
Q.76 Under the British policy of 'Dual Government' in Bengal (1765), who controlled revenue and civil administration, respectively? Ans - Nawab – Revenue, Company – Civil administration Company – Revenue, Nawab – Civil administration ✓ - Nawab – Revenue, Nawab – Civil administration - Company – Revenue, Company – Civil administration	Question ID : 4410091214318 Correct Option : 2
Q.77 What does the law of conservation of energy state? Ans - Energy can be created but not destroyed. Total energy remains the same before and after the transformation. ✓ - Energy can never be converted from one form to another. - Energy can disappear during a transformation.	Question ID : 4410091205801 Correct Option : 2
Q.78 A 120 m long train completely crosses a stationary train of length 80 m in 8 seconds. What is the speed of the moving train? Ans 90 km/hr ✓ 108 km/hr 96 km/hr 84 km/hr	Question ID : 4410091195657 Correct Option : 1
Q.79 In which of the following ways does the globalisation influence employment trends in a country? Ans - Globalisation always lead to increased unemployment rates. - Globalisation creates jobs exclusively in the manufacturing sector. Globalisation can both create and displace jobs across various industries. ✓ - Globalisation has no impact on employment.	Question ID : 441009627921 Correct Option : 3

Q.80 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements. Statements: All ketchups are pizzas. No pizza is a sauce. Conclusions: (I) No ketchup is a sauce. (II) Some sauces are pizzas. Ans 1. Only conclusion (I) follows. ✓ 2. Both conclusions (I) and (II) follow. 3. Only conclusion (II) follows. 4. Neither conclusion (I) nor (II) follows.	Question ID : 4410091198635 Correct Option : 1
Q.81 Find the fourth proportional to 3, 7, and 9. Ans 1. 30 2. 24 3. 27 4. 21 ✓	Question ID : 4410091195621 Correct Option : 4
Q.82 Find the possible value of the median of a distribution if the values of mean and mode are 65 and 56, respectively. Ans 1. 60 2. 58 3. 59 4. 62 ✓	Question ID : 44100946046 Correct Option : 4
Q.83 Which birth anniversary of Netaji Subhas Chandra Bose was celebrated on 23 January 2025, which is also known as Parakram Diwas? Ans 1. A. 118th 2. B. 128th ✓ 3. C. 125th 4. D. 122nd	Question ID : 4410091214199 Correct Option : 2
Q.84 The population of a town increased by 10% in the first year and then decreased by 20% in the second year. If the original population was 5,000, what is the population after two years? Ans 1. 4,800 2. 4,600 3. 4,200 4. 4,400 ✓	Question ID : 4410091195566 Correct Option : 4

Q.85 What is the difference between the National Multidimensional Poverty Index used by NITI Aayog in India (MPI) and the global MPI? Ans 1. The National MPI covers only monetary poverty, while the global MPI includes all dimensions of poverty. 2. The National MPI uses 10 indicators, while the global MPI uses 12 indicators. 3. The National MPI is based on the World Bank methodology, while the global MPI is based on the Alkire-Foster methodology. 4. The National MPI uses 12 indicators, while the global MPI uses 10 indicators. ✓	Question ID : 441009511039 Correct Option : 4
Q.86 In August 2025, the IndiaAI Independent Business Division (IBD), in collaboration with which organisation, announced the launch of the Cancer AI & Technology Challenge (CATCH) Grant Program? Ans 1. National Cancer Institute (NCI), Delhi 2. Cancer Awareness, Prevention and Early Detection (CAPED), India 3. National Cancer Grid (NCG) ✓ 4. National Institute of Cancer Prevention and Research (NICPR)	Question ID : 4410091214345 Correct Option : 3
Q.87 NOSE is related to RTOZ in a certain way based on the English alphabetical order. In the same way, VYKU is related to ZDGP. To which of the given options is DICK related to, following the same logic? Ans 1. IMXG 2. GOXE 3. FNZD 4. HNYF ✓	Question ID : 441009819783 Correct Option : 4
Q.88 Seven boxes E, F, G, H, S, T and U are kept one over the other but not necessarily in the same order. H is kept immediately above E. T is kept immediately above U. Only F is kept above S. Only two boxes are kept above H. T is not kept at third position from the bottom. How many boxes are kept between G and F? Ans 1. Three ✓ 2. One 3. Two 4. Four	Question ID : 4410091198589 Correct Option : 1
Q.89 A, B, C, D, P, Q and R are sitting around a circular table facing the centre of the table. Only three people sit between C and A when counted from the left of C. Only three people sit between R and B when counted from the right of B. Q sits to the immediate right of R. P is an immediate neighbour of B as well as A. Who sits third to the right of D? Ans 1. C ✓ 2. B 3. Q 4. P	Question ID : 4410091198560 Correct Option : 1

Q.90 Which of the following categories of Fundamental rights are correctly matched with their respective Articles as per the Constitution of India? Ans 1. Right to freedom of religion - Articles 23 to 24 2. Cultural and educational rights - Articles 29 to 30 ✓ 3. Right against exploitation - Articles 25 to 28 4. Right to freedom - Articles 14 to 18	Question ID : 4410091225153 Correct Option : 2
Q.91 In a certain code language, 'LAST' is coded as '3947' and 'LIST' is coded as '8973'. What is the code for 'I' in the given code language? Ans 1. 8 ✓ 2. 7 3. 4 4. 9	Question ID : 4410091198608 Correct Option : 1
Q.92 Given below are the two statements. Select the correct answer for these statements. Statement I: Saturated hydrocarbons are highly reactive with most reagents. Statement II: Substitution reactions in alkanes occur in the presence of sunlight or UV light. Ans 1. Both the statements are false. 2. Statement-I is False but Statement-II is true. ✓ 3. Statement-I is true but Statement-II is false. 4. Both the statements are true.	Question ID : 4410091196681 Correct Option : 2
Q.93 Which of the following Indian states have two Houses (Bicameral legislature) as of July 2025? Ans 1. Kerala 2. Uttar Pradesh ✓ 3. Haryana 4. Himachal Pradesh	Question ID : 4410091225208 Correct Option : 2
Q.94 Rahul borrowed some money for simple interest at the rate of 5% per annum for the first 2 years, at the rate of 10% for the next 2 years and at the rate of 15% for the period beyond 4 years. If he pays a total interest of ₹18,000 at the end of 8 years, find how much money he borrowed. Ans 1. ₹30,000 2. ₹22,000 3. ₹25,000 4. ₹20,000 ✓	Question ID : 441009916717 Correct Option : 4

Q.95 The area of a square is 324 cm^2. Its perimeter is equal to the perimeter of a regular hexagon. What is the area (in cm^2) of the hexagon? Ans 1. $260\sqrt{3}$ 2. 210 3. $216\sqrt{3}$ ✓ 4. 226	Question ID : 441009622222 Correct Option : 3
Q.96 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.) Ans 1. PO-RT ✓ 2. WV-ZY 3. LK-ON 4. HG-KJ	Question ID : 441009820684 Correct Option : 1
Q.97 Which of the following is the most effective method to reduce household waste? Ans 1. Using plastic bags for carrying items 2. Dumping all garbage in one bin 3. Segregating waste into biodegradable and non-biodegradable ✓ 4. Burning all waste materials	Question ID : 4410091200559 Correct Option : 3
Q.98 Which of the following ecological concepts describes the role and position a species occupies in its environment, encompassing its interactions with both living (biotic) and non-living (abiotic) factors? Ans 1. Ecological Niche ✓ 2. Edge Effect 3. Habitat 4. Trophic Level	Question ID : 4410091225011 Correct Option : 1
Q.99 Each vowel in the word GOURMANDIZE is changed to the letter immediately preceding it in the English alphabetical order and each consonant is changed to the letter immediately following it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed? Ans 1. N ✓ 2. Z 3. S 4. O	Question ID : 441009820101 Correct Option : 1

Q.100 How can the deficiency of nutrients in soil be corrected?

Ans

1. By exposing the soil to sunlight
2. By adding manure and fertilisers ✓
3. By cutting parts of the plant
4. By reducing water supply

Question ID :
4410091199898
Correct Option : 2

Blackbook



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD
सी ई एन - ०७/२०२४ - CEN - 07/2024
Recruitment for Ministerial and Isolated Categories



PAPER 3 of 3 · PGT / TGT · English

Exam	RRB Ministerial & Isolated 2024 (CEN 07/2024)
Post	PGT / TGT
Test Date	12 Sep 2025
Test Time	12:45 PM - 2:15 PM
Language	English
Questions	100
Marking	+1 correct / -1/3 wrong

Correct option of the official answer key: **green with ✓**. Question IDs are RRB's own.

Section : Professional Ability

Q.1 Who defined education as “the all-round drawing out of the best in child and man’s body, mind and soul”? Ans 1. Rabindranath Tagore 2. Dr. S Radhakrishnan 3. Swami Vivekananda 4. M K Gandhi ✓	Question ID : 4410091211502 Correct Option : 4
Q.2 Which social group plays the most important role in the education of a child? Ans 1. Family ✓ 2. School 3. Community 4. Peer group	Question ID : 4410091211519 Correct Option : 1
Q.3 Which Article of the Convention on the Rights of the Child (CRC) emphasises that education should contribute to the child's full development, including respect for human rights, tolerance, and friendship among all? Ans 1. Article 31 2. Article 23 3. Article 28 4. Article 29 ✓	Question ID : 4410091212652 Correct Option : 4
Q.4 According to pragmatism, what is the aim of education? Ans 1. Focus solely on rote memorisation of facts 2. Provide direction based on societal traditions 3. Impose strict discipline and fixed curricula 4. Offer dynamic guidance aligned with a child’s natural interests and capacities ✓	Question ID : 4410091211497 Correct Option : 4

Q.5 Social deviance is also given more exposure by _____ because of the way deviance mainstream to popular culture. Ans 1. peer group 2. community 3. school 4. mass media ✓	Question ID : 4410091200766 Correct Option : 4
Q.6 Which type of evaluation is primarily used to identify students' strengths and weaknesses before instruction begins? Ans 1. Norm-referenced evaluation 2. Formative evaluation 3. Summative evaluation 4. Diagnostic evaluation ✓	Question ID : 4410091212754 Correct Option : 4
Q.7 One of the main benefits of including culture and heritage mapping in the school curriculum is: Ans 1. reducing academic workload 2. helping students understand and appreciate local heritage ✓ 3. limiting students' exposure to global culture 4. replacing history and geography subjects	Question ID : 4410091211558 Correct Option : 2
Q.8 Who introduced the term 'managing teaching-learning'? Ans 1. IK Devi ✓ 2. Ralph Tyler 3. Lev Vygotsky 4. Hollis Rugg	Question ID : 4410091214168 Correct Option : 1
Q.9 Which focus area falls within the scope of educational psychology? Ans 1. Scheduling learner activities 2. Recording learner grades 3. Tracking learner attendance 4. Studying learner motivation ✓	Question ID : 4410091212686 Correct Option : 4
Q.10 The term 'ethnic' is derived from the _____ word 'ethno,' meaning 'nation'. Ans 1. Italian 2. Greek ✓ 3. Latin 4. French	Question ID : 4410091203745 Correct Option : 2
Q.11 Which of the following is NOT a part of the lecture method? Ans 1. Prior knowledge ✓ 2. Introduction 3. Closing up 4. Presentation	Question ID : 4410091214175 Correct Option : 1

Q.12 The linear style of programming developed by _____. Ans 1. BF Skinner ✓ 2. Pressey 3. Crowder 4. Thorndike	Question ID : 4410091215633 Correct Option : 1
Q.13 Which is NOT a factor affecting intellectual development? Ans 1. Hereditary 2. Community ✓ 3. Socio-economic status 4. Natural environment	Question ID : 4410091214055 Correct Option : 2
Q.14 Which strategy by educational institutions most effectively fosters social integration in a diverse classroom? Ans 1. Conducting exams in a single national language 2. Following a uniform syllabus without discussion 3. Emphasising regional languages only 4. Organising multicultural activities and collaborative projects ✓	Question ID : 4410091212673 Correct Option : 4
Q.15 The well known educational Philosopher, _____ in 'My Pedagogical Creed' (1897) expressed his belief that the school is primarily a social institution, education being a social process. Ans 1. John Dewey ✓ 2. Socrates 3. Pestalozzi 4. Albert M Small	Question ID : 4410091200600 Correct Option : 1
Q.16 Which of the following is identified as a major aspiration of Indian society? Ans 1. Sectarianism 2. Isolationism 3. Regionalism 4. Nationalism ✓	Question ID : 4410091211514 Correct Option : 4
Q.17 At which month does a child reach for toys out of reach and responds to 'No'? Ans 1. 9 ✓ 2. 8 3. 6 4. 10	Question ID : 4410091214069 Correct Option : 1

Q.18 What is the umbrella term that includes all the material and non-material aspects of any human society? Ans 1. Characteristics 2. Culture ✓ 3. Behaviour 4. Education	Question ID : 4410091203624 Correct Option : 2
Q.19 Which Indian thinker emphasised 'education for character building' and founded Shantiniketan? Ans 1. Swami Vivekananda 2. Sri Aurobindo 3. Rabindranath Tagore ✓ 4. Mahatma Gandhi	Question ID : 4410091211337 Correct Option : 3
Q.20 Development is best defined as: Ans 1. The result of the interaction between maturation and learning ✓ 2. A fixed process unaffected by environment 3. Only physical growth over time 4. The acquisition of academic knowledge	Question ID : 4410091212367 Correct Option : 1
Q.21 In learner-controlled instruction, the role of the teacher is primarily: Ans 1. to act as a manager, facilitator or guide ✓ 2. to dictate every step of learning 3. completely absent 4. to only assess students at the end	Question ID : 4410091212417 Correct Option : 1
Q.22 Which is NOT a step in the transaction of curriculum? Ans 1. Assessing 2. Guiding 3. Planning 4. Controlling ✓	Question ID : 4410091214165 Correct Option : 4
Q.23 Freedom can be limited in the interest of society, but excessive restriction: Ans 1. is essential for personal growth 2. imposes rigid uniformity and represses individuality ✓ 3. strengthens democratic values automatically 4. helps individuals achieve their best potential	Question ID : 4410091211576 Correct Option : 2
Q.24 Which measurement is used for categorical variables and involves assigning scores that are category labels? Ans 1. Nominal level ✓ 2. Ordinal level 3. Interval level 4. Ratio level	Question ID : 4410091209354 Correct Option : 1

Q.25 Article _____ of the Constitution directs every state to provide adequate facilities for instruction in the mother-tongue at the primary stage of education of children belonging to linguistic minority groups. Ans 1. 29(1) 2. 30(1) 3. 350 A ✓ 4. 29(2)	Question ID : 4410091203667 Correct Option : 3
Q.26 Which means of instruction delivery involves students learning by doing? Ans 1. Note-taking 2. Reading 3. Project ✓ 4. Lecture	Question ID : 4410091212800 Correct Option : 3
Q.27 Which is NOT a characteristic of a slow learner? Ans 1. Requires more time to grasp concepts 2. Learns quickly without much repetition ✓ 3. Needs frequent guidance and support 4. Shows limited attention span	Question ID : 4410091214111 Correct Option : 2
Q.28 At this stage, children become less egocentric and begin to think about how other people feel about them. Ans 1. Preoperational Stage 2. Sensorimotor Stage 3. Formal Operational Stage 4. Concrete Operational Stage ✓	Question ID : 4410091206246 Correct Option : 4
Q.29 Who introduced the concept of 'cultural lag' to describe the delay in non-material culture catching up with material culture? Ans 1. Karl Marx 2. Max Weber 3. William F Ogburn ✓ 4. Emile Durkheim	Question ID : 44100912125600 Correct Option : 3
Q.30 Which process involves analysing all evidence gathered about students to identify inadequacies in student learning and provide a basis for remedial measures? Ans 1. Criterion referenced 2. Diagnosis ✓ 3. Continuity 4. Co-operation	Question ID : 4410091212569 Correct Option : 2

Q.31 What is the meaning of transaction of curriculum? Ans 1. Development of curriculum 2. Approaches to curriculum development 3. Management of curriculum in action ✓ 4. Inclusive curriculum	Question ID : 4410091214161 Correct Option : 3
Q.32 According to the American Association on Mental Retardation (AAMR), what are the IQ levels for moderate mental retardation? Ans 1. Below 22 2. 30-40 3. 60-70 4. 40-50 ✓	Question ID : 4410091214122 Correct Option : 4
Q.33 Keller Plan, designed according to the need and ability of the student, is also known as: Ans 1. Computer-assisted Instruction 2. Personalised System of Instruction ✓ 3. Project work 4. Computer-managed instruction	Question ID : 4410091215653 Correct Option : 2
Q.34 Etymologically, the term 'democracy' consists of two _____ words 'demos' meaning 'the people' and 'kratos' meaning 'power'. Ans 1. Greek ✓ 2. Spanish 3. French 4. Latin	Question ID : 4410091203837 Correct Option : 1
Q.35 What does the term 'transaction' in curriculum refer to? Ans 1. The planning of school events 2. The financial cost of curriculum materials 3. The process of delivering the curriculum in the classroom ✓ 4. The evaluation of student performance	Question ID : 4410091212771 Correct Option : 3
Q.36 Arrange the given steps chronologically for a teacher as a manager at different phases of teaching. 1. Analysis of result 2. Planning the instructional system 3. Pre-teaching phase of the next instructional period 4. Decision-making to shift from one mode to another Ans 1. 1-3-4-2 2. 2-3-1-4 3. 1-2-3-4 4. 2-4-1-3 ✓	Question ID : 4410091213978 Correct Option : 4

Q.37 Which of the following best defines evaluation? Ans 1. Preparing the question paper 2. Recording marks obtained in a test 3. Measuring the height and weight of students 4. Interpreting collected data to judge value or worth of performance ✓	Question ID : 4410091212388 Correct Option : 4
Q.38 Which is called as the highest scale in measurement? Ans 1. Ordinal scale 2. Nominal scale 3. Interval scale 4. Ratio scale ✓	Question ID : 4410091212463 Correct Option : 4
Q.39 Every human being has every right to equal opportunity to develop and improve his or her potential to the optimum. This description corresponds specifically to which of the following? Ans 1. Democracy 2. Equality ✓ 3. Justice 4. Fraternity	Question ID : 4410091213913 Correct Option : 2
Q.40 Etymologically, the term "Democracy" consists of two _____ words – "Demos" meaning 'the people,' and "Kratos" meaning 'power'. Ans 1. Greek ✓ 2. Latin 3. Sanskrit 4. French	Question ID : 4410091203809 Correct Option : 1
Q.41 The _____ supported most of the principles of education with great stress on work education or socially useful productive work. Ans 1. Yashpal Committee 2. Tarachand Committee 3. Ishwarbai Patel Committee ✓ 4. University Education Commission	Question ID : 4410091200549 Correct Option : 3
Q.42 Whose role is multi-dimensional among the following in the context of education and pedagogy? Ans 1. Parent's 2. Learner's 3. Sibling's 4. Teacher's ✓	Question ID : 4410091204003 Correct Option : 4

Q.43 Which of the following best describes the nature of values? Ans 1. They are always the same across time and place. 2. They regulate and guide human behaviour and action. ✓ 3. They are only related to material gains. 4. They are fixed rules imposed by society.	Question ID : 4410091211547 Correct Option : 2
Q.44 Which psychologist is associated with the concept of the 'g factor' in intelligence? Ans 1. Charles Spearman ✓ 2. Howard Gardner 3. Robert Sternberg 4. Jean Piaget	Question ID : 4410091212737 Correct Option : 1
Q.45 In teacher-controlled instruction, the teacher's role is: Ans 1. minimal and passive 2. pivotal in planning and implementing instruction ✓ 3. to allow students full freedom without guidance 4. only to evaluate students	Question ID : 4410091212413 Correct Option : 2
Q.46 According to Pragmatism, knowledge is: Ans 1. a gift from authority 2. dynamic, practical, and tested by experience ✓ 3. derived only from books 4. absolute and unchangeable	Question ID : 4410091213729 Correct Option : 2
Q.47 Which type of assessment analyses all evidence about students to identify inadequacies in learning and provides a basis for remedial measures? Ans 1. Co-operation 2. Diagnosis ✓ 3. Feedback 4. Criterion referenced	Question ID : 4410091212588 Correct Option : 2
Q.48 Which of the following is NOT the nature of democracy? Ans 1. Political 2. Economic 3. Historical ✓ 4. Ethical	Question ID : 4410091213951 Correct Option : 3
Q.49 The learner as a subject-matter of educational psychology involves studying all of the following EXCEPT: Ans 1. the innate abilities and capacities of the individuals 2. individual differences and their measurements 3. conscious as well as unconscious behaviour of the learner 4. structure and functioning of the nervous system of the learner ✓	Question ID : 4410091212361 Correct Option : 4

Q.50 Which is the oldest method in Educational Psychology?

Ans

1. Experimental method
2. Observation method
3. Case history method
4. Introspection method ✓

Question ID :
4410091206137
Correct Option : 4

Section : General Ability

Q.51 Seven boxes E, F, G, H, S, T and U are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between E and G. Only three boxes are kept between E and U. U is kept at some place above G. T is kept immediately below U. S is kept at one of the places above F. H is not kept immediately above or below E.
Which box is kept at the lowermost position?

Ans

1. T
2. E
3. S
4. F ✓

Question ID :
4410091198584
Correct Option : 4

Q.52 Amit borrows a sum of money from Avinash for 2 years at 5% simple interest per annum. After 2 years, he repays ₹6,666 in full settlement of the loan. How much interest did Amit pay?

Ans

1. ₹610
2. ₹600
3. ₹606 ✓
4. ₹612

Question ID : 441009916715
Correct Option : 3

Q.53 Refer to the number series given below and answer the question that follows. Counting to be done from left to right only. (All numbers are single-digit numbers only.)

(Left) 4 7 5 8 9 2 8 7 1 6 8 2 9 8 5 2 8 2 6 4 4 7 8 (Right)

How many such odd digits are there each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?

Ans

1. One
2. Two
3. None ✓
4. Three

Question ID :
441009819697
Correct Option : 3

Q.54 What is a major risk associated with chewing tobacco?

Ans

1. Skin irritation
2. Pulmonary diseases and cancers ✓
3. Muscle cramps
4. Joint pain

Question ID :
4410091200239
Correct Option : 2

Q.55 A mobile phone with a marked price ₹ 16,800 was sold for ₹ 13,944. What is the percentage discount given on the sale of the mobile phone. Ans 16% 17% ✓ 18% 15%	Question ID : 441009916512 Correct Option : 2
Q.56 If $\left(\frac{7}{11}\right)^{k-5} = \left(\frac{11}{7}\right)^{k-9}$, find the value of 2^k. Ans 128 ✓ 64 32 256	Question ID : 441009928789 Correct Option : 1
Q.57 If 'I' stands for '+', 'J' stands for '×', 'K' stands for '÷', and 'L' stands for '−', then what will come in place of the question mark (?) in the following equation? 6 K 2 J 4 L 3 I 9 = ? Ans 23 30 26 18 ✓	Question ID : 4410091205830 Correct Option : 4
Q.58 Which of the following statements correctly describes the relationship among the incident ray, the refracted ray, and the normal at the point of incidence when light passes from one transparent medium to another? Ans - They all travel in different directions randomly. - The normal is always at a 90° angle to the refracted ray. The incident ray, the refracted ray, and the normal all lie in the same plane at the point of incidence. ✓ - Only the incident and refracted rays lie in the same plane, excluding the normal.	Question ID : 4410091205716 Correct Option : 3
Q.59 What is a budget deficit? Ans When government expenses exceed its income ✓ - When the fiscal deficit is zero - When government income exceeds its expenses - When RBI prints extra currency	Question ID : 44100966336 Correct Option : 1
Q.60 What amount was allocated for the COVID-19 vaccine in the 2021-22 Budget? Ans ₹35,000 crore ✓ ₹50,000 crore ₹45,000 crore ₹25,000 crore	Question ID : 441009610950 Correct Option : 1

Q.61 Select the option that is true regarding the following two statements labelled Assertion (A) and Reason (R). Assertion (A): Copper wire in iron sulphate solution shows no visible reaction. Reason (R): Copper is less reactive than iron. Ans - Both A and R are true, and R is the correct explanation of A. ✓ - A is true, but R is false. - A is false, but R is true. - Both A and R are true, but R is not the correct explanation of A.	Question ID : 4410091196688 Correct Option : 1
Q.62 50 Ω, 50 Ω and 100 Ω resistors are connected in series in a circuit. They can be replaced with a single resistor of _____ in the circuit. Ans 20 Ω 100 Ω 0.05 Ω 200 Ω ✓	Question ID : 441009654648 Correct Option : 4
Q.63 Find the value of $\frac{\sqrt{0.01}}{\sqrt{0.0025}}$. Ans 22 16 7 2 ✓	Question ID : 441009928427 Correct Option : 4
Q.64 Which of the following was the immediate cause for the rise of the Extremist movement in India? Ans - Partition of Bengal (1905) ✓ - The passing of the Rowlatt Act (1919) - Jallianwala Bagh massacre (1919) - Arrest of Bal Gangadhar Tilak (1908)	Question ID : 4410091214368 Correct Option : 1
Q.65 What happens when the vibration of a sound source becomes faster? Ans - The pitch stays the same regardless of the vibration speed. - The frequency increases, but pitch decreases. - The frequency and pitch both decrease. - The frequency and pitch both increase. ✓	Question ID : 4410091205842 Correct Option : 4

Q.66

$$\tan \frac{20\pi}{21} - \tan \frac{2\pi}{7} + \sqrt{3} \tan \frac{2\pi}{7} \tan \frac{20\pi}{21} = ?$$

Question ID :
441009620602
Correct Option : 1

Ans

1. $-\sqrt{3}$ ✓

2. $\frac{1}{\sqrt{3}}$

3. $-\frac{1}{\sqrt{3}}$

4. $\sqrt{3}$

Q.67 RIAL is related to HYQB in a certain way based on the English alphabetical order. In the same way, DUMX is related to TKCN. To which of the given options is ZQIT related, following the same logic?

Question ID : 441009821137
Correct Option : 3

Ans

1. PLKI

2. PGTR

3. PGYJ ✓

4. PGTY

Q.68 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Question ID :
4410091198627
Correct Option : 1

Statements:

All flies are insects.
All insects are lasers.

Conclusions:

- (I) Some lasers are insects.
(II) All flies are lasers.

Ans

1. Both conclusions (I) and (II) follow. ✓

2. Neither conclusion (I) nor (II) follows.

3. Only conclusion (I) follows.

4. Only conclusion (II) follows.

Q.69 Which of the following are compressed gases commonly used in daily life? (i) LPG for cooking (ii) Oxygen in hospitals (iii) CNG in vehicles (iv) Water in bottles Ans (i) and (iii) only (ii) and (iv) only (i), (ii), (iii) and (iv) (i), (ii) and (iii) only ✓	Question ID : 4410091203406 Correct Option : 4
Q.70 GLAS is related to KPWO in a certain way based on the English alphabetical order. In the same way, OTSK is related to SXOG. To which of the given options is WBKC related, following the same logic? Ans AFGY ✓ - ZGFX - BDHY - BEHZ	Question ID : 441009819784 Correct Option : 1
Q.71 Which of the following ecological concepts best defines the process by which a body of water becomes overly enriched with nutrients, primarily nitrogen and phosphorus, leading to an excessive growth of algae and other simple plant life? Ans - Bioaccumulation - Ecological succession Eutrophication ✓ - Biomagnification	Question ID : 4410091225035 Correct Option : 3
Q.72 Why is Cuscuta called a parasitic plant? Ans It depends on a host plant for nutrition. ✓ - It produces its own food via photosynthesis. - It traps insects for nitrogen. - It grows in soil independently.	Question ID : 4410091200065 Correct Option : 1
Q.73 Which of the following leaders is associated with the Extremist phase? Ans - Gopal Krishna Gokhale - Dadabhai Naoroji Bal Gangadhar Tilak ✓ - Mahatma Gandhi	Question ID : 4410091214374 Correct Option : 3

Q.74 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.) Ans 1. AYC 2. USW 3. LJN 4. GFI ✓	Question ID : 441009820966 Correct Option : 4
Q.75 In July 2025, the Ministry of Skill Development and Entrepreneurship (MSDE) launched which AI-powered chatbot, developed jointly by META and NSDC? Ans 1. Skill India Assistant ✓ 2. MSDE-AI 3. Power AI Assistant 4. Power-AI	Question ID : 4410091214326 Correct Option : 1
Q.76 Who became the first Indian wicketkeeper to score centuries in both innings of a Test match? Ans 1. Mahendra Singh Dhoni 2. Wriddhiman Saha 3. Dinesh Karthik 4. Rishabh Pant ✓	Question ID : 4410091209364 Correct Option : 4
Q.77 The sum of the age of A and 5 times the age of B is 36 years. When 3 times the age of A is added to 7 times the age of B, the result is 62 years. The sum of the ages (in years) of A and B is: Ans 1. 16 2. 13 ✓ 3. 12 4. 18	Question ID : 441009281324 Correct Option : 2
Q.78 Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) (198, 170, 142) (214, 186, 158) Ans 1. (142, 114, 86) ✓ 2. (116, 98, 86) 3. (168, 140, 102) 4. (235, 207, 169)	Question ID : 4410091205881 Correct Option : 1

Q.79 In a certain code language, NOSE is written as EPTN and NOTE as EPUN. How will NAME be written in the same code? Ans 1. NAME 2. NBNE 3. EMAN 4. EBNN ✓	Question ID : 441009813024 Correct Option : 4
Q.80 Which of the following Articles related to the Directive Principle of State Policy (DPSP) was implemented by the 73rd Amendment of 1992? Ans 1. Article 44 2. Article 40 ✓ 3. Article 42 4. Article 46	Question ID : 4410091225176 Correct Option : 2
Q.81 Three friends A, B, and C started a business by investing ₹6,000, ₹8,000, and ₹10,000 respectively. If their total profit at the end of the year is ₹12,000, what is C's share? Ans 1. ₹5,000 ✓ 2. ₹4,500 3. ₹4,000 4. ₹5,500	Question ID : 4410091195593 Correct Option : 1
Q.82 One pipe can fill the tank in 12 min while another pipe can empty completely filled tank in 21 min. If both the pipes are operated together on empty tank, how long (in min) will it take to fill one-fourth of the tank? Ans 1. 7 ✓ 2. 14 3. 21 4. 28	Question ID : 441009184758 Correct Option : 1
Q.83 Who has written the book 'Siddhartha: The Boy Who Became the Buddha' (Novel) which was awarded with 2025 Sahitya Akademi Yuva Puraskar in English? Ans 1. Koushik Goswami 2. Advait Kottary ✓ 3. Harleen Kaur 4. Anurag Bhaskar	Question ID : 4410091213517 Correct Option : 2
Q.84 In a certain code language, 'FIST' is coded as '3962' and 'SOFT' is coded as '3562'. What is the code for 'O' in the given code language? Ans 1. 9 2. 5 ✓ 3. 2 4. 6	Question ID : 4410091198602 Correct Option : 2

Q.85 Majuli Island is located in which Indian state? Ans 1. West Bengal 2. Assam ✓ 3. Andhra Pradesh 4. Odisha	Question ID : 4410091204581 Correct Option : 2
Q.86 Italia Gopal, who won the Visavadar (Gujarat) Assembly Constituency in the June 2025 bye-election, represents which political party? Ans 1. Bahujan Samaj Party 2. Indian National Congress 3. Bharatiya Janata Party 4. Aam Aadmi Party ✓	Question ID : 4410091214293 Correct Option : 4
Q.87 Which of the following Amendments has put a constitutional obligation upon states to enact the Panchayati Raj Acts as per the provisions of Part IX of the Indian Constitution? Ans 1. A. 73rd Amendment 1992 ✓ 2. B. 86th Amendment 2002 3. C. 74th Amendment 1992 4. D. 91st Amendment 2003	Question ID : 4410091225164 Correct Option : 1
Q.88 Which of the following statements are correct? (i) Solid CO₂ is called dry ice. (ii) Solid CO₂ changes directly into gas at 1 atm pressure. (iii) Pressure and temperature can change the state of matter. (iv) Solid CO₂ melts into liquid CO₂ before becoming gas. Ans 1. (i), (ii), (iii) and (iv) 2. (i) and (iv) only 3. (i), (ii) and (iii) only ✓ 4. (ii) and (iv) only	Question ID : 4410091203365 Correct Option : 3
Q.89 Which among the following states in India has the longest coastal boundary? Ans 1. Maharashtra 2. Gujarat ✓ 3. Andhra Pradesh 4. West Bengal	Question ID : 4410091204577 Correct Option : 2
Q.90 A producer has 5000 J of energy. If only 10% of energy is transferred between trophic levels, how much energy will be available to the secondary consumer? Ans 1. 5 J 2. 25 J 3. 50 J ✓ 4. 500 J	Question ID : 4410091200430 Correct Option : 3

Q.91 What is the mean of the following distribution?

Question ID :
441009928766
Correct Option : 3

Marks	14	37	60	79	97
No. of Students	11	41	56	55	32

Ans

1. 88
2. 86
3. 64 ✓
4. 60

Q.92 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

Question ID :
4410091205797
Correct Option : 1

33 A 3 C 4 B 2 D 4 A 2 = ?

Ans

1. 17 ✓
2. 14
3. 11
4. 19

Q.93 Which of the following Articles of the Indian Constitution in Part VIII of the Constitution deals with the union territories?

Question ID :
4410091225222
Correct Option : 1

Ans

1. Articles 239 to 241 ✓
2. Articles 249 to 261
3. Articles 259 to 271
4. Articles 235 to 239

Q.94 A cyclist travels at 18 km/hr for 2.5 hours. What distance does he cover?

Question ID :
4410091195650
Correct Option : 1

Ans

1. 45 km ✓
2. 48 km
3. 43 km
4. 40 km

Q.95 In May 2025, ISRO's 101st launch attempt, which failed, was carrying which satellite?

Question ID :
4410091214390
Correct Option : 1

Ans

1. EOS-09 ✓
2. EOS-08
3. EOS-02
4. EOS-01

Q.96 What should come in place of the question mark (?) in the given series based on the English alphabetical order? FAT ZUN TOH NIB ? Ans 1. HVC 2. HGT 3. HVG 4. HCV ✓	Question ID : 4410091198667 Correct Option : 4
Q.97 In an eukaryotic cell, the thread-like structures carrying genetic information are mainly found in the: Ans 1. Golgi body 2. Cytoplasm 3. Ribosome 4. Nucleus ✓	Question ID : 4410091199654 Correct Option : 4
Q.98 This question is based on the following words. PAN YEW CRY URN How many letters are there in the English alphabetical order between the second letter of the second word from the right and the third letter of the second word from the left? Ans 1. 5 2. 6 3. 8 4. 4 ✓	Question ID : 441009821552 Correct Option : 4
Q.99 This question is based on the following words. (Left) ONE TWO BEN MUG (Right) If 'C' is added before each word, which of these words will form meaningful English word(s)? Ans 1. Only ONE ✓ 2. Only BEN 3. Both ONE and TWO 4. Both MUG and ONE	Question ID : 441009880158 Correct Option : 1
Q.100 A, B, C, D, P, Q and R are sitting around a circular table facing the centre of the table. A sits to the immediate left of R. B sits to the immediate left of D. D sits second to the left of Q. P sits third to the left of R. Who sits fourth to the right of C? Ans 1. A 2. D 3. Q ✓ 4. B	Question ID : 4410091198568 Correct Option : 3